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| 1 | Define Biodiversity, Genetic Diversity, Species Diversity, Habitat Diversity  See the Biodiversity Notes under the Biodiversity Tab |
| 2 | Describe the mechanism of natural selection  See the Biodiversity Notes under the Biodiversity Tab |
| 3 | Compare allopatric and sympatric speciation  See the Biodiversity Notes under the Biodiversity Tab |
| 4 | How has plate tectonics increased biodiversity?  See the Biodiversity Notes under the Biodiversity Tab |
| 5 | How has the formation of land bridges influenced biodiversity?  See the Biodiversity Notes under the Biodiversity Tab |
| 6 | Identify at least four factors that lead to the loss of biodiversity  See the Biodiversity Notes under the Biodiversity Tab |
| 7 | Explain how non-native species can lead to the loss of biodiversity  Think about the Cane Toads movie  Invasive species are often r-selected species that can spread very quickly  They often have no predators or natural control mechanisms in their new environment  The native organisms aren’t adapted to deal with the non-native species |
| 8 | Compare and contrast extinctions before and after 1600 (causes, rate)  See the Biodiversity Notes under the Biodiversity Tab |
| 9 | Explain why r-selected species are more or less prone to extinction  See the Biodiversity Notes under the Biodiversity Tab |
| 10 | List three characteristics used to determine placement on the red list  Conservation Notes 1 under the Conservation Tab |
| 11 | Name one organism that is endangered. What are the ecological, social, and economic pressures it has faced  Think about your case studies. Make sure you know all of the pressures. |
| 12 | Describe a place that has been threatened by humans, give the causes  Think about your presentation case study. Make sure you now all of the things I asked about. |
| 13 | State three specific reasons to preserve species and habitats  Biodiversity Essay |
| 14 | Compare and contrast the roles of intergovernmental agencies and NGOs  Presentation of IGO and NGOs under the Conservation Tab |
| 15 | State three factors that should be considered when creating protected areas  Protected Area articles under the Conservation Tab (under assignments) |
| 16 | Name a protected area that you have studied. State a success and a failure of this area  The Kimodo National park Case Study |
| 17 | Give a strength and a weakness for zoos  The species-based conservation charts |
| 18 | Compare and contrast the strengths and weaknesses or protected lands versus species-based conservation methods.  Pros and Cons of Species Based-Conservation Methods  (remember you must have the opposites for each item) |
| 19 | Which type of biodiversity will have the biggest impact it is reduced?  This is up to you. You need to argue for genetic diversity, species diversity, and habitat diversity |